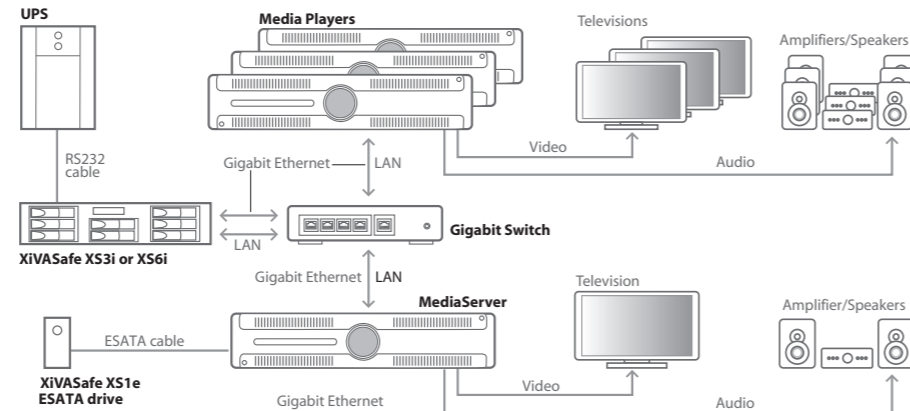# The MS1 Mediaserver and XiVASafe storage – the ideal configuration

- 1 Gigabit Network
- Master connects to XiVASafe storage and multiple clients via 1 Gigabit switch
- Low cost ESATA storage option via direct connection to master
- Master serves main AV zone
- Up to 6 further AV zones can be added with glitch free simultaneous playback
- UPS required to protect storage (*mandatory for warranty)



**UPS**

**Media Players**

**Televisions**

**Amplifiers/Speakers**

RS232 cable

Video

Audio

Gigabit Ethernet — LAN

**Gigabit Switch**

**XiVASafe XS3i or XS6i**

Gigabit Ethernet | LAN

**MediaServer**

**Television**

**Amplifier/Speakers**

ESATA cable

Video

Audio

**XiVASafe XS1e ESATA drive**

Gigabit Ethernet

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## Technical Data

### MS1 Mediaserver



### XiVASafe XS3i & XS6i (iSCSI)





MediaServer panel display: `169.254.065.174 XiVASAFE`

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**Media Format Support:**
- **Video**: Unencrypted DVD Video (.VOB), DVD Video (from optical drive);
- **Audio**: Uncompressed (WAV), MP3, AAC, WMA (non-DRM), CD-DA (from local optical drive). Format support is upgradable via future on-line software updates

**A/V video & user interface output:**
- Up to 1080p on HDMI connector

**A/V video & user interface output:**
- Component (Y Pr Pb); 4-pin mini-DIN S-Video; RCA composite

Audiophile-grade line-level audio output for music and 2-channel A/V audio downmix, RCA/phono L&R Wolfson Delta-Sigma 24-bit DACs

**Surround-sound A/V audio/2-channel music digital outputs:**
- 1 x RCA electrical coaxial & 1 x optical Toslink

RJ45 Gigabit Ethernet

9-pin D male RS232 Serial port (XiVA-Link control protocol)

ESATA storage ports

3.5mm/0.14in mini-jack IR input

**Power**:
- 100 – 240V 50/60Hz

**BTU**: 420

**Dimensions**:
- 430mm/16.9in(W) x 98mm/3.86in/2RU (H) x 326mm/12.8in(D) including feet (10mm/0.39in) and excluding rack mountings

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**Form Factor**
- 2U low profile 19" rackmount
- 8 SATA / Serial ATA disk drive bays

**Management**
- User configurable via control panel
- Web browser remote management
- RS232 VT100 ANSI terminal emulation
- Event & fault notification to e-mail

**Disk Drive Interface**
- HDD: SATA 1.5Gb/s or 3Gb/s
- Form factor: Low profile 1" SATA disks

**Enclosure Specification**
- Hot-Swappability 8 x Removable HDD Tray
- Drive Failure 8 x LED Indicator for each HDD
- System Fan 3 hot-swappable blowers
- Status LEDs 1 x access LED for each HDD
- Fan-fail LED 1 x fan-fail LED for system
- Mute Button 1 x mute button for fan & temp alarm
- Power Supply 1+1 Hot-swap Redundant (2x300Watt)

**Controller Architecture**
- Intel 81341 X-Scale Storage Processor featuring high performance PCI express and PCI-x
- Dedicated Intel dual Gigabit LAN controller
- VHDM-HSD connector between RAID controller and drive backplane, to ensure signal, power and data integrity at all times

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**Physical & Environment**
- Temperature built in thermal & fan sensor
- Operating Temperature 10°C ~ 35°C
- Non-Operating Temperature -10°C ~ 50°C
- Operating Humidity 20% to 90% non-condensing

**Controls and Indicators**
- Backlit LCD control panel
- Power and drive failure indicators
- Built-in alarm with mute button

**Power Supply**
- Dual redundant removable power modules
- 1+1 hot swappable
- AC input: 90 ~ 264 VAC, 47Hz ~ 63Hz
- Continuous output power: 300W

**BTU**: 700

**RAID Operation**
- RAID level 6
- Hot-swap drive support

**Cooling**
- Three hot swappable fan modules
- 12V DC, 0.36A, 3-pin connector

**Dimensions**:
- 483mm/19"(W) x 89mm/3.5" (H) x 495mm/19.5"(D)

**Weight**
- (without disk) 22.7 kg / 50 Lbs

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POWERED BY **XiVA**  **XiVA LINK**

Version: MS1+XiVASafe/001

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# MediaServer

# MS1 + XiVA SAFE

## HARD DISK MEDIA SYSTEM

# A new dawn...
### ...in home entertainment

# Awaken
## your senses…

*The new human interface; beautiful, intuitive, stylish – a delight in innovation*
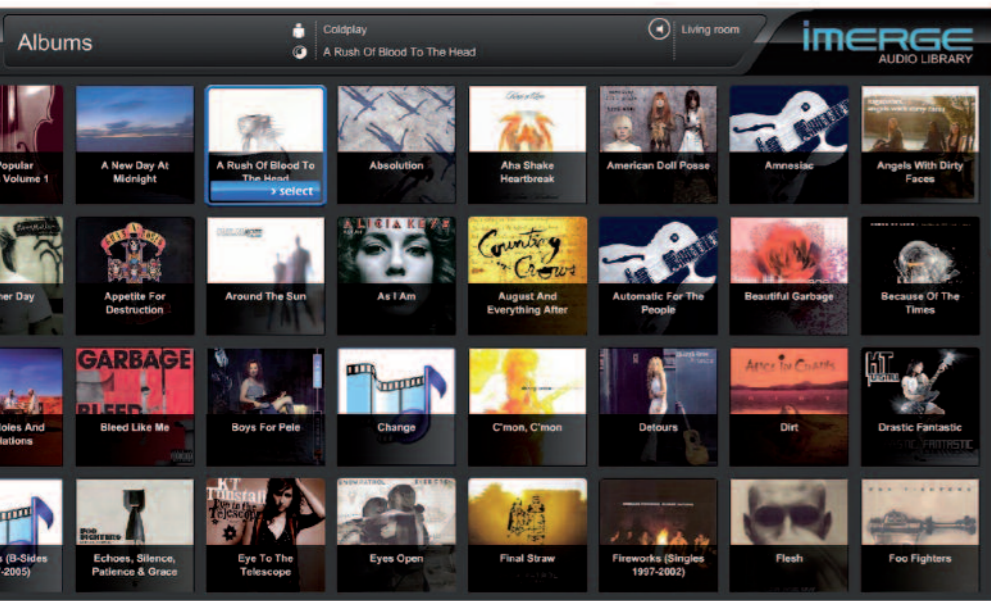
**The MS1 and XiVASafe storage solutions build upon the success of their predecessors taking the Imerge experience to new heights.**
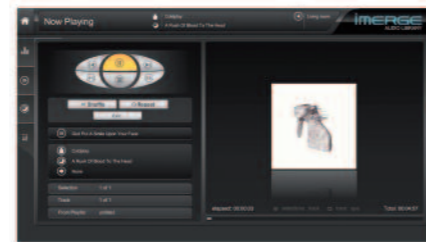
The MS1 is the most advanced media server in the world. It utilises all new proprietary hardware and software platforms designed to make the whole experience completely transparent, and ultimately rewarding. Even the most nervous of technophobes will enjoy the new experience. Capable of recording, storing and playing back your media when, where and how you want it. The beautiful new interface will grace any room, from a guest bedroom, to the grandest of theatres.

A world beating mediaserver needs the ultimate storage solution, and the XiVASafe solutions do not disappoint. The XiVASafe storage solutions provide enterprise grade performance and resilience never before seen in the installation marketplace. Dual redundant drives, power supplies and field replaceable cooling fans ensure unrivalled reliability. Active monitoring of the system provides 'concierge' type service and support, emailing the dealer and manufacturer whenever they are needed. Available in 3Tb or 6Tb configurations, the XiVASafe sets new standards in media storage. Your media is precious, don't compromise it with anything less than a XiVASafe storage solution.



*Cover art and list view are one*



*Complete intuitive control*

### The experience

Rediscover your media in a way never before thought possible. Indulge in the beautiful interface that we like to call the **Imerge** 'human interface'. Browse, playback, create, and ultimately enjoy your collections the way they should be enjoyed. Marvel at the way your media comes to life before your very eyes.

**Listening to music and watching movies feed our souls. They impact on our lives like nothing else. Ensure the experience is part of your lifestyle.**

*Enterprise grade XiVASafe storage solutions; bringing big business performance and resilience to the home*

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**Engage with your media as never before; the MS1 and XiVASafe featuresets provide total control and integration with your lifestyle. Awaken your senses and enjoy the MS1 Mediaserver and XiVASafe storage solutions – the ultimate entertainment experience.**

## The MS1 Mediaserver – The ultimate entertainment experience

### MS1 key features

- One component, configurable as a Master or Client
- Easy setup with self discovery
- No integral HDD
- Near silent operation
- Extensive connectivity encompassing network/audio/video/scaleable storage
- Audiophile standard audio board
- 2 XiVASafe storage options – iSCSI & ESATA
- Bespoke CI orientated internal electronics built to automotive standards
- Audio over HDMI
- Discreet slot loading drive
- Rack mountable (rackmount kit included)



### XiVASafe key features

- iSCSI
- Data centre grade reliability and performance
- RAID 6 – Dual redundant drive capability
- Hot swappable fans
- Two hot swappable PSU's
- Scalable with multiple XIVASafe chassis's
- UPS integration via RS-232 port for ultimate brown out protection
- iSCSI speed and bandwidth ideal for supporting future formats

**ESATA**
- High performance, low cost storage
- RAID 1 mirrored security, partnered with world leader in external SATA solutions (used extensively in pro audio and post video production)
- Available from launch with 1TB
- MS1 can support simultaneous connection to ESATA and XiVASafe iSCSI storage devices
- Rack mountable (rackmount kit included)

## XiVASafe storage – fully scalable and infinitely upgradeable